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**Serial Number:** 10/698,563

1.) See <u>attached</u> printout of inventors listed in PALM

2.) See <u>attached</u> EAST Inventor Search Printout shows Inventor search terms



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## **Inventor Information for 10/698503**

Inventor Name	City	State/Country	
GIESKES, KOENRAAD	DEPOSIT	NEW YORK	:
Appln Info Contents Petition Info Atty/A	Agent Info Continuity	Data Foreign Data	Inventors
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US 20050246916 A1	20051110	Encoder system	33/706		Snyder, Michael D. et al.	:
US 20050091845 A1	20050505	Method of component rejection from a placement head	29/833	29/739; 29/832	Gieskes, Koenraad	
US 20050062302 A1	20050324	Low maintenance vacuum generation	294/64.2	294/64.1	Gieskes, Koen A. et al.	•
US 20040074085 A1	20040422	Integrated air flow control for a pick and place spindle assembly	29/743	29/739; 414/752.1	Gieskes, Koenraad Alexander et al.	
US 20040060170 A1	20040401	Redundant system for assembly of electronic components to substrates	29/740	198/345.3; 29/760; 29/832	Gieskes, Koenraad A.	
US 20030041450 A1	20030306	Method and apparatus for mounting a component	29/833	29/739; 29/743; 29/832	Gieskes, Koenraad Alexander	
US 20030038556 A1	20030227	Variable reluctance motor	310/179	310/81	Gieskes, Koenraad Alexander et al.	
US 20020092886 A1	20020718	Method and apparatus for balling and assembling ball grid array and chip scale array packages	228/41	228/180.22; 228/248.1	Adriance, James H. et al.	
US 20020079751 A1	20020627	Variable reluctance motor with reduced	310/51	310/68R	Janisiewicz, Stanislaw Wladyslaw et al.	

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TIC	20020627	vibration	100/445		D:
US 20020079192	20020627	Dual lane	198/445		Dionne,
		conveying			Peter J. et al.
A1	20020425	apparatus	210/160	210/10	T
US	20020425	Variable	310/168	310/12;	Janisiewicz,
20020047437 A1		reluctance motor with		310/216	Stanislaw
AI		reduced			Wladyslaw et al.
		noise and			et al.
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US	20011129	Variable	310/216	310/12;	Janisiewicz,
20010045788	20011129	reluctance	310/210	310/12,	Stanislaw
A1		motor with		310/234	Wladyslaw
		improved			et al.
		tooth			Ct ai.
		geometry			
US	20011004	Variable	310/12	<del> </del>	Janisiewicz,
20010026101		reluctance	310/12		Stanislaw
A1		motor			Wladyslaw
					et al.
US 6848338	20050201	High	74/821	414/752.1;	Gieskes;
B1		acceleration		74/816	Koenraad
		spindle drive			Alexander et
		and method			al.
		of using			
		same			
US 6820325	20041123	Integrated air	29/743	29/729;	Gieskes;
B2		flow control		29/739;	Koenraad
		for a pick		29/740;	Alexander et
		and place		29/741;	al.
		spindle		29/DIG.44;	
		assembly		294/2;	
				294/64.1;	
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110 ((42017	20021111	D 1 1 .	20/7/10	414/737	0: 1
US 6643917	20031111	Redundant	29/740	198/345.3;	Gieskes;
B1		system for		198/346.2;	Koenraad A.
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		io substrates		29/832	
US 6625878	20030930	Method and	29/740	29/739;	Gieskes;
B2	20030730	apparatus for	2)//40	29/741;	Koenraad A.
		improving		29/755	Teomada A.
L	<u> </u>	Imbroams	<u> </u>	471133	I

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		component			
		placement in			
		a component			
		pick up and	]		
		place			
		machine			
US 6624538	20030923	Variable	310/12		Janisiewicz;
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B1		apparatus for			James H. et
		balling and			al.
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		packages	•		
US 6460692	20021008	Dual lane	198/836.3	198/890	Dionne;
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		assembled of			
		a batch			
US 5699934	19971223	Dispenser	222/1	222/386.5;	Kolcun;
A		and method		222/61	Joseph F. et
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		dispensing			
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	}	fluids			
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US 5649356 A	19970722	Method and apparatus for supplying and placing components	29/833	29/710; 29/740; 29/743; 29/834; 294/64.1	Gieskes; Koen A.	
US 5031818 A	19910716	Soldering machine operating with a protective gas and provided with automatically operating lock doors	228/42	228/221; 228/43	Gieskes; Koen A.	
US 4848640 A	19890718	Apparatus for the application of a conductive adhesive medium to a printed circuit board	228/37	228/180.1	Gieskes; Koenraad A.	

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US 20050246916 A1	20051110	Encoder system	33/706		Snyder, Michael D. et al.
US 20050091845 A1	20050505	Method of component rejection from a placement head	29/833	29/739; 29/832	Gieskes, Koenraad
US 20050062302 A1	20050324	Low maintenance vacuum generation	294/64.2	294/64.1	Gieskes, Koen A. et al.
US 20040074085 A1	20040422	Integrated air flow control for a pick and place spindle assembly	29/743	29/739; 414/752.1	Gieskes, Koenraad Alexander et al.
US 20040060170 A1	20040401	Redundant system for assembly of electronic components to substrates	29/740	198/345.3; 29/760; 29/832	Gieskes, Koenraad A.
US 20030041450 A1	20030306	Method and apparatus for mounting a component	29/833	29/739; 29/743; 29/832	Gieskes, Koenraad Alexander
US 20030038556 A1	20030227	Variable reluctance motor	310/179	310/81	Gieskes, Koenraad Alexander et al.
US 20020092886 A1	20020718	Method and apparatus for balling and assembling ball grid array and chip scale array packages	228/41	228/180.22; 228/248.1	Adriance, James H. et al.
US 20020079751 A1	20020627	Variable reluctance motor with reduced	310/51	310/68R	Janisiewicz, Stanislaw Wladyslaw et al.

		noise and			
		vibration			
US	20020627	Dual lane	198/445		Dionne,
20020079192		conveying			Peter J. et al.
US US	20020425	apparatus Variable	310/168	210/12:	Taninia
20020047437	20020423	reluctance	310/108	310/12; 310/216	Janisiewicz, Stanislaw
Al		motor with		310/210	Wladyslaw
		reduced			et al.
		noise and			
		vibration			
US	20011129	Variable	310/216	310/12;	Janisiewicz,
20010045788 A1		reluctance		310/254	Stanislaw
AI		motor with improved			Wladyslaw et al.
		tooth			ct al.
		geometry			
US	20011004	Variable	310/12		Janisiewicz,
20010026101		reluctance			Stanislaw
A1		motor			Wladyslaw
110 (040220	20050201	77'.1	74/021	41.4/750.1	et al.
US 6848338 B1	20050201	High acceleration	74/821	414/752.1; 74/816	Gieskes; Koenraad
		spindle drive		/4/810	Alexander et
		and method			al.
		of using			
		same			
US 6820325	20041123	Integrated air	29/743	29/729;	Gieskes;
B2		flow control for a pick		29/739; 29/740;	Koenraad Alexander et
		and place		29/740,	al.
		spindle		29/DIG.44;	""
		assembly		294/2;	
				294/64.1;	
			•	409/233;	
HG ((42017	20021111	D. J. J.	20/740	414/737	C' 1
US 6643917 B1	20031111	Redundant system for	29/740	198/345.3; 198/346.2;	Gieskes; Koenraad A.
Di		assembly of		198/340.2; 29/33K;	Kocinaau A.
		electronic		29/732;	
		components		29/760;	
		to substrates		29/786;	
110 660 7070	00000000			29/832	
US 6625878	20030930	Method and	29/740	29/739;	Gieskes;
B2		apparatus for		29/741;	Koenraad A.
	L	improving	L	29/755	L

US 6624538 B2	20030923	component placement in a component pick up and place machine  Variable reluctance motor with improved tooth geometry	310/12		Janisiewicz; Stanislaw Wladyslaw et al.
US 6484927 B1	20021126	Method and apparatus for balling and assembling ball grid array and chip scale array packages	228/245	228/248.1	Adriance; James H. et al.
US 6460692 B2	20021008	Dual lane conveying apparatus	198/836.3	198/890	Dionne; Peter J. et al.
US 5852869 A	19981229	Method and apparatus for supplying and placing components	29/834	29/740; 29/743	Gieskes; Koen A. et al.
US 5739846 A	19980414	Method of inspecting component placement accuracy for each first selected circuit board to be assembled of a batch	348/87	348/125; 348/86; 348/94; 348/95	Gieskes; Koen A.
US 5699934 A	19971223	Dispenser and method for dispensing viscous fluids	222/1	222/386.5; 222/61	Kolcun; Joseph F. et al.

US 5649356 A	19970722	Method and apparatus for supplying and placing	29/833	29/710; 29/740; 29/743; 29/834;	Gieskes; Koen A.
US 5031818 A	19910716	soldering machine operating with a protective gas and provided with automatically operating lock doors	228/42	294/64.1 228/221; 228/43	Gieskes; Koen A.
US 4848640 A	19890718	Apparatus for the application of a conductive adhesive medium to a printed circuit board	228/37	228/180.1	Gieskes; Koenraad A.

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